SYSTEM FOR PROVIDING TRANSITIONS BETWEEN OPERATING MODES OF A DEVICE

ABSTRACT

[0049]   System for providing transitions between operating modes of a device. The system includes a method for providing transitions between a privileged and a non-privileged operating mode. The method comprises executing an application in the non-privileged mode, generating an interrupt to request the services of a privileged function, and transitioning to the privileged mode to execute the privileged function, wherein the privileged function is executed as part of the same thread of execution as the application.